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NEWS NEWS	1 2	JAN	12	Web Page for STN Seminar Schedule - N. America Match STN Content and Features to Your Information Needs, Quickly and Conveniently
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NEWS	4	FEB	16	STN Express Maintenance Release, Version 8.4.2, Is Now Available for Download
NEWS	5	FEB	16	Derwent World Patents Index (DWPI) Revises Indexing of Author Abstracts
NEWS	6	FEB	16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS	7	FEB	16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS	8	FEB	16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS	9	APR	02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS	10	APR	02	PATDPAFULL: Application and priority number formats enhanced
NEWS	11	APR	02	DWPI: New display format ALLSTR available
NEWS	12	APR	02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS	13	APR	02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS	14	APR	07	CA/CAplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS	15	APR	07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAplus
NEWS	16	APR	07	MEDLINE Coverage Is Extended Back to 1947
NEWS		JUN		WPI First View (File WPIFV) will no longer be available after July 30, 2010
NEWS	18	JUN	18	DWPI: New coverage - French Granted Patents
NEWS	19	JUN	18	CAS and FIZ Karlsruhe announce plans for a new STN platform
NEWS	20	JUN	18	IPC codes have been added to the INSPEC backfile (1969-2009)
NEWS	21	JUN	21	Removal of Pre-IPC 8 data fields streamline displays in CA/CAplus, CASREACT, and MARPAT
NEWS	22	JUN	21	Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers EMBASE Classic on STN
NEWS	23	JUN	28	Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atop U.S. in Patenting and Commercialization of Bioethanol
NEWS	24	JUN	29	Enhanced Batch Search Options in DGENE, USGENE, and PCTGEN

AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.22 0.22

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1 DICTIONARY FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

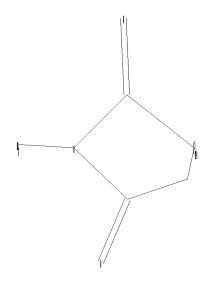
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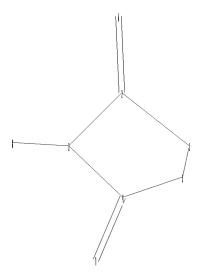
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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ring nodes :
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chain bonds :
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exact/norm bonds :

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Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS

L1 STRUCTURE UPLOADED

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FULL SEARCH INITIATED 01:09:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1942 TO ITERATE

100.0% PROCESSED 1942 ITERATIONS 415 ANSWERS

SEARCH TIME: 00.00.01

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=> file capl

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 191.54 191.76

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FILE COVERS 1907 - 15 Jul 2010 VOL 153 ISS 3 FILE LAST UPDATED: 13 Jul 2010 (20100713/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12 184 L2

=> file req COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.50 192.26 FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 01:10:09 ON 15 JUL 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1 DICTIONARY FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

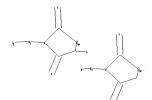
TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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http://www.cas.org/support/stngen/stndoc/properties.html

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G1:Cy, Ak, N, Hy

Match level:

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L4 STRUCTURE UPLOADED

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100.0% PROCESSED 1 ANSWERS 440 ITERATIONS

SEARCH TIME: 00.00.01

L51 SEA SSS FUL L4

=> file capl

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FILE COVERS 1907 - 15 Jul 2010 VOL 153 ISS 3 FILE LAST UPDATED: 13 Jul 2010 (20100713/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 15

1 L5 1.6

=> d 16 ibib

ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:55332 CAPLUS

DOCUMENT NUMBER: 134:105835

TITLE: Preparation and application of selenomethionine chrome

> sulfonylureas as hypoglycemics Dong, Guochen; Dong, Wenshuai

INVENTOR(S): PATENT ASSIGNEE(S): Dong Guochen, Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 16 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
CN 1252273	 А	20000510	CN 1999-121819	19991018		
CN 1170531	С	20041013				
PRIORITY APPLN. INFO.:			CN 1999-121819	19991018		
OS.CITING REF COUNT:	1	THERE ARE 1 (1 CITINGS)	CAPLUS RECORDS THAT	CITE THIS RECORD		

=> d 16 hitstr

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN

IT 318485-63-1P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of selenomethionine chrome sulfonylureas as hypoglycemics)

RN 318485-63-1 CAPLUS

CN Chromium, tris[(2S)-2-(amino- κ N)-4-[[2-[[2-[[(cyclohexylamino)carbonyl]amino]sulfonyl]-1,2,3,4-tetrahydro-4,4-dimethyl-1,3-dioxo-7-isoquinolinyl]oxy]ethyl]seleno]butanoato- κ O]-(9CI) (CA INDEX NAME)

PAGE 1-B

PAGE 2-B

PAGE 2-C

=> d his

L3

(FILE 'HOME' ENTERED AT 01:09:12 ON 15 JUL 2010)

FILE 'REGISTRY' ENTERED AT 01:09:22 ON 15 JUL 2010

STRUCTURE UPLOADED L1

L2 415 S L1 SSS FULL

> FILE 'CAPLUS' ENTERED AT 01:09:58 ON 15 JUL 2010 184 S L2

FILE 'REGISTRY' ENTERED AT 01:10:09 ON 15 JUL 2010 STRUCTURE UPLOADED

L4

FILE 'CAPLUS' ENTERED AT 01:13:32 ON 15 JUL 2010

L6 1 S L5

=> s 13 and acoustic 89840 ACOUSTIC

L7 2 L3 AND ACOUSTIC

=> s 13 and sensor

247353 SENSOR

L8 2 L3 AND SENSOR

=> s 13 and pressure

1494328 PRESSURE

L9 3 L3 AND PRESSURE

=> s 17 or 18 and 19

L10 2 L7 OR L8 AND L9

=> s 17 or 18 or 19

L11 5 L7 OR L8 OR L9

=> d 111 1-5 ibib hitstr

L11 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:910306 CAPLUS

DOCUMENT NUMBER: 147:287914

TITLE: Acoustic sensors and methods

INVENTOR(S):

Baetzold, John P.; Benson, Karl E.; Bommarito, G.

Marco; Daniels, Michael P.; Everaerts, Albert I.;

Flanigan, Peggy-Jean P.; Free, M. Benton; Kipke, Cary A.; Lakshmi, Brinda B.; Leir, Charles M.; Moore, George G.I.; Nguyen, Lang N.; Shah, Rahul R.; Stark,

Peter A.

PATENT ASSIGNEE(S): 3M Innovative Properties Co., USA

SOURCE: U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U.S.

Ser. No. 987,522.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
ΙT
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     RL: PRPH (Prophetic)
        (Acoustic sensors and methods)
     851934-46-8 CAPLUS
RN
CN
     Benzoic acid, 4-[(1,8,8-\text{trimethyl}-2,4-\text{dioxo}-3-\text{azabicyclo}[3.2.1]\text{oct}-3-
     yl)sulfonyl]- (CA INDEX NAME)
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RN 851934-47-9 CAPLUS

CN Benzoyl chloride, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 860032-11-7 CAPLUS

CN Benzoic acid, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]-, 2-[(1-oxo-2-propen-1-yl)oxy]propyl ester (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L11 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:638826 CAPLUS

DOCUMENT NUMBER: 143:149406

TITLE: Acoustic sensors and methods

INVENTOR(S): Baetzold, John P.; Benson, Karl E.; Bommarito, Mario

G.; Daniels, Michael P.; Everaerts, Albert I.;

Flanigan, Peggy-Jean P.; Free, Benton M.; Kipke, Cary A.; Lakshmi, Brinda B.; Leir, Charles M.; Moore, George G. I.; Nguyen, Lang N.; Shah, Rahul; Stark,

Peter A.

PATENT ASSIGNEE(S): 3M Innovative Properties Company, USA

SOURCE: PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

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                                      KR 2006-715260
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                                       US 2007-596953
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                                        US 2007-596956
                                                             20070525
                                        US 2003-533169P
PRIORITY APPLN. INFO.:
                                                          P 20031230
                                        US 2004-987075
                                                         A 20041112
                                        US 2004-987522
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                                        US 2003-713174
                                                         A2 20031114
                                        US 2003-714053
                                                          A2 20031114
                                        WO 2004-US42382
                                                          W 20041217
                                        WO 2004-US42455
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                                                          W 20041217
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IT 851934-34-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(acoustic sensors and methods)

RN 851934-34-4 CAPLUS

851934-33-3P

CN Benzoic acid, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]- (CA INDEX NAME)

ΙT

851934-46-8P 851934-47-9P 851934-48-0P
851934-76-4P 859232-48-7P 859232-49-8P
860032-10-6P 860032-11-7P 860032-12-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(acoustic sensors and methods)
RN 851934-33-3 CAPLUS
CN Benzoyl chloride, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]- (CA INDEX NAME)

851934-44-6P

851934-43-5P

RN 851934-43-5 CAPLUS

CN Benzoic acid, 4-[(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-44-6 CAPLUS

CN Benzoyl chloride, 4-[(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-46-8 CAPLUS

CN Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-47-9 CAPLUS

CN Benzoyl chloride, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-48-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane-2,4-dione, 3-[(4-aminophenyl)sulfonyl]-1,8,8-trimethyl- (CA INDEX NAME)

RN 851934-76-4 CAPLUS

CN 4,7-Methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)

RN 859232-48-7 CAPLUS

CN 2-Propenamide, N-[4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]phenyl]-2-methyl-(CA INDEX NAME)

RN 859232-49-8 CAPLUS

CN Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]-, 2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester (CA INDEX NAME)

RN 860032-10-6 CAPLUS

CN Benzoic acid, 3-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]-,

2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester (CA INDEX NAME)

RN 860032-11-7 CAPLUS

CN Benzoic acid, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]-, 2-[(1-oxo-2-propen-1-yl)oxy]propyl ester (CA INDEX NAME)

RN 860032-12-8 CAPLUS

CN 2-Propenamide, N-[4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L11 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1997:374148 CAPLUS

DOCUMENT NUMBER: 126:349707

ORIGINAL REFERENCE NO.: 126:67883a,67886a

TITLE: Preparing printing plates by electrophotography INVENTOR(S): Kato, Eiichi; Nakazawa, Yusuke; Ishii, Kazuo

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan SOURCE: Brit. UK Pat. Appl., 248 pp.

CODEN: BAXXDU

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
GB 2302063	 A	19970108	GB 1996-12258	-	19960612	
GB 2302063	В	19990203				
US 5700612	A	19971223	US 1996-661723		19960611	
JP 09062038	A	19970307	JP 1996-151364		19960612	
PRIORITY APPLN. INFO.:			JP 1995-144885	Α	19950612	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 188950-85-8

RL: TEM (Technical or engineered material use); USES (Uses) (preparation and use in preparing transfer layers for electrophotog. photoreceptors for manufacture of printing plates)

RN 188950-85-8 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 2-[2-(hexyloxy)ethoxy]ethyl ester, polymer with methyl 2-methyl-2-propenoate, octadecyl 2-methyl-2-propenoate, 2-[[(octahydro-4-methyl-1,3-dioxo-2H-isoindol-2-yl)sulfonyl]oxy]ethyl 2-methyl-2-propenoate and 2-phosphonoethyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 188950-84-7 CMF C15 H21 N O7 S

CM 2

CRN 183317-57-9 CMF C14 H26 O4

CM 3

CRN 80730-17-2 CMF C6 H11 O5 P

$$\begin{array}{c|c} & \text{O} & \text{CH}_2 \\ || & || \\ \text{H}_2\text{O}_3\text{P} - \text{CH}_2 - \text{CH}_2 - \text{O} - \text{C} - \text{C} - \text{Me} \end{array}$$

CM 4

CRN 32360-05-7 CMF C22 H42 O2

$$\begin{array}{c|c} & \text{O} & \text{CH}_2 \\ \parallel & \parallel \\ \text{Me-} & \text{(CH}_2)_{17} - \text{O-} \text{C-} \text{C-} \text{Me} \end{array}$$

CM 5

CRN 80-62-6 CMF C5 H8 O2

$$\begin{array}{c|c} \text{H}_2\text{C} & \text{O} \\ \parallel & \parallel \\ \text{Me-C-C-OMe} \end{array}$$

RN

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

(4 CITINGS)

L11 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1956:44544 CAPLUS

DOCUMENT NUMBER: 50:44544

ORIGINAL REFERENCE NO.: 50:8610b-i,8611a-f

TITLE: Action of Grignard reagents. VIII. Action of organo-magnesium and lithium compounds on benzo-,

organo-magnesium and lithium compounds on benzo-, naphtho-(2',3')oxazol-2-ones and their N-substituted

derivatives

AUTHOR(S): Mustafa, Ahmed; Asker, Wafia; Hishmat, Orkede Hassan

CORPORATE SOURCE: Cairo Univ., Egypt

SOURCE: Journal of the American Chemical Society (1955), 77,

5127-30

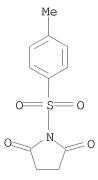
CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal LANGUAGE: Unavailable

IT 32368-44-8P, Succinimide, N-p-tolylsulfonyl-

RL: PREP (Preparation) (preparation of) 32368-44-8 CAPLUS

CN 2,5-Pyrrolidinedione, 1-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L11 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1955:73515 CAPLUS

DOCUMENT NUMBER: 49:73515

ORIGINAL REFERENCE NO.: 49:13953h-i,13954a-i,13955a-f

TITLE: Action of Grignard reagents. VI. (a) Cleavage by

organomagnesium and lithium compounds and by lithium aluminum hydride; (b) action of phenyllithium on

phenanthraquinone and benzil monoximes

AUTHOR(S): Mustafa, Ahmed; Asker, Wafia; Hishmat, Orkede H.;

Shalaby, Ahmed F. A.; Kamel, Mohamed

CORPORATE SOURCE: Cairo Univ., Egypt

SOURCE: Journal of the American Chemical Society (1954), 76,

5447-52

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal LANGUAGE: Unavailable

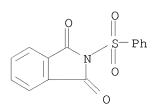
OTHER SOURCE(S): CASREACT 49:73515

IT 19871-20-6, Phthalimide, N-(phenylsulfonyl)-

(reaction with PhLi)

RN 19871-20-6 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-(phenylsulfonyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

=> file reg

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION 42.49 428.74

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STRUCTURE FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1 DICTIONARY FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

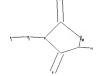
Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

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http://www.cas.org/support/stngen/stndoc/properties.html

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ring nodes :

1 2 3 4 5 chain bonds:

2-6 3-8 4-7 5-11 8-12

ring bonds :

1-2 1-5 2-3 3-4 4-5

exact/norm bonds :

1-2 1-5 2-3 2-6 3-4 3-8 4-5 4-7 5-11 8-12

G1:Cy, Ak, N, Hy

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 11:CLASS

12:CLASS

L12 STRUCTURE UPLOADED

=> s 112 sss full FULL SEARCH INITIATED 01:29:32 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 3344 TO ITERATE

100.0% PROCESSED 3344 ITERATIONS 22 ANSWERS

SEARCH TIME: 00.00.01

L13 22 SEA SSS FUL L12

=> file capl

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
193.01 621.75

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FILE COVERS 1907 - 15 Jul 2010 VOL 153 ISS 3

FILE LAST UPDATED: 13 Jul 2010 (20100713/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

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http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 113 L14 22 L13

=> file reg COST IN U.S. DOLLARS

FULL ESTIMATED COST ENTRY SESSION 0.50 622.25

FILE 'REGISTRY' ENTERED AT 01:29:51 ON 15 JUL 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 American Chemical Society (ACS)

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New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

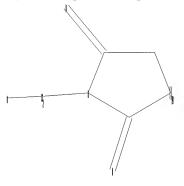
Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

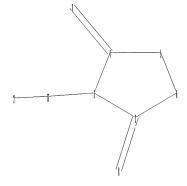
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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exact/norm bonds :
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G1:Cy, Ak, N, Hy

Match level:

2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:CLASS 12:CLASS

L15 STRUCTURE UPLOADED

=> s 115 sss full

FULL SEARCH INITIATED 01:31:45 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 1942 TO ITERATE

100.0% PROCESSED 1942 ITERATIONS 143 ANSWERS

SEARCH TIME: 00.00.01

L16 143 SEA SSS FUL L15

=> file capl

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY

SESSION 814.77 FULL ESTIMATED COST 192.52

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FILE COVERS 1907 - 15 Jul 2010 VOL 153 ISS 3 FILE LAST UPDATED: 13 Jul 2010 (20100713/ED) REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

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=> s 116

92 L16 L17

=> file reg COST IN U.S. DOLLARS

SINCE FILE TOTAL FULL ESTIMATED COST ENTRY SESSION 0.50 815.27

FILE 'REGISTRY' ENTERED AT 01:31:56 ON 15 JUL 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1 DICTIONARY FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

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ring bonds :
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exact/norm bonds :
2-3  2-6  2-8  3-4  3-11  4-5  4-7  5-6  11-12
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G1:Cy, Ak, N, Hy

Match level: 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:CLASS 12:CLASS

L18 STRUCTURE UPLOADED

=> s 118 sss full FULL SEARCH INITIATED 01:33:07 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 3344 TO ITERATE

100.0% PROCESSED 3344 ITERATIONS

381 ANSWERS

SEARCH TIME: 00.00.01

L19 381 SEA SSS FUL L18

=> file capl

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 01:33:11 ON 15 JUL 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 15 Jul 2010 VOL 153 ISS 3
FILE LAST UPDATED: 13 Jul 2010 (20100713/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

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=> s 119

L20 168 L19

=> file reg

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.50 1007.80

192.03

1007.30

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 01:33:23 ON 15 JUL 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 American Chemical Society (ACS)

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STRUCTURE FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1 DICTIONARY FILE UPDATES: 13 JUL 2010 HIGHEST RN 1231819-66-1

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exact/norm bonds :

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Match level:

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS

L21 STRUCTURE UPLOADED

=> s 121 sss full

FULL SEARCH INITIATED 01:37:03 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 253456 TO ITERATE

100.0% PROCESSED 253456 ITERATIONS

138650 ANSWERS

SEARCH TIME: 00.00.02

L22 138650 SEA SSS FUL L21

=> file capl

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 193.99 1201.79

FILE 'CAPLUS' ENTERED AT 01:37:10 ON 15 JUL 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 15 Jul 2010 VOL 153 ISS 3
FILE LAST UPDATED: 13 Jul 2010 (20100713/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

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CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 122 36861 L22 L23 => => s 123 and acoustic 89840 ACOUSTIC 21 L23 AND ACOUSTIC L24 \Rightarrow s 123 and sensor 247353 SENSOR 68 L23 AND SENSOR L25 => s 123 and pressure 1494328 PRESSURE 1096 L23 AND PRESSURE L26 => s 124 or 125 or 126 L27 1181 L24 OR L25 OR L26 => s 117 92 L16 L28 => s 114 L29 22 L13 => s 120 L30 168 L19 => s 128 and acoustic 89840 ACOUSTIC L31 0 L28 AND ACOUSTIC \Rightarrow s 128 and sensor

247353 SENSOR

0 L28 AND SENSOR

L32

=> s 128 and pressure 1494328 PRESSURE

1 L28 AND PRESSURE L33

=> d 133 ibib

L33 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1997:374148 CAPLUS

DOCUMENT NUMBER: 126:349707

ORIGINAL REFERENCE NO.: 126:67883a,67886a

TITLE: Preparing printing plates by electrophotography INVENTOR(S): Kato, Eiichi; Nakazawa, Yusuke; Ishii, Kazuo

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan Brit. UK Pat. Appl., 248 pp. SOURCE:

CODEN: BAXXDU

DOCUMENT TYPE: Patent English LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE			
GB 2302063	A	19970108	GB 1996-12258		19960612			
GB 2302063	В	19990203						
US 5700612	A	19971223	US 1996-661723		19960611			
JP 09062038	A	19970307	JP 1996-151364		19960612			
PRIORITY APPLN. INFO.:			JP 1995-144885	A	19950612			
ASSIGNMENT HISTORY FOR U	JS PATE	NT AVAILABLE	IN LSUS DISPLAY E	FORMAT				
OS.CITING REF COUNT:	4	THERE ARE 4	CAPLUS RECORDS TH	HAT CITE	THIS RECORD			
		(4 0=====000)						

RD (4 CITINGS)

=> d 133 hitstr

L33 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN

IT188950-85-8

> RL: TEM (Technical or engineered material use); USES (Uses) (preparation and use in preparing transfer layers for electrophotog. photoreceptors for manufacture of printing plates)

RN 188950-85-8 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 2-[2-(hexyloxy)ethoxy]ethyl ester, polymer with methyl 2-methyl-2-propenoate, octadecyl 2-methyl-2-propenoate, 2-[[(octahydro-4-methyl-1,3-dioxo-2H-isoindol-2-yl)sulfonyl]oxy]ethyl 2-methyl-2-propenoate and 2-phosphonoethyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 188950-84-7 CMF C15 H21 N O7 S

CM 2

CRN 183317-57-9 CMF C14 H26 O4

CM 3

CRN 80730-17-2 CMF C6 H11 O5 P

CM 4

CRN 32360-05-7 CMF C22 H42 O2

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CM 5

CRN 80-62-6 CMF C5 H8 O2

=> d his

L1

(FILE 'HOME' ENTERED AT 01:09:12 ON 15 JUL 2010)

FILE 'REGISTRY' ENTERED AT 01:09:22 ON 15 JUL 2010 STRUCTURE UPLOADED

L2 415 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 01:09:58 ON 15 JUL 2010 L3

FILE 'REGISTRY' ENTERED AT 01:10:09 ON 15 JUL 2010 L4 STRUCTURE UPLOADED

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L6
L7
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L37 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:910306 CAPLUS

DOCUMENT NUMBER: 147:287914

TITLE: Acoustic sensors and methods

INVENTOR(S):

Baetzold, John P.; Benson, Karl E.; Bommarito, G.

Marco; Daniels, Michael P.; Everaerts, Albert I.;

Flanigan, Peggy-Jean P.; Free, M. Benton; Kipke, Cary A.; Lakshmi, Brinda B.; Leir, Charles M.; Moore, George G.I.; Nguyen, Lang N.; Shah, Rahul R.; Stark,

Peter A.

PATENT ASSIGNEE(S): 3M Innovative Properties Co., USA

SOURCE: U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U.S.

Ser. No. 987,522. CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND DATE	APPLICATION NO.	DATE			
US 20070190662	A1 20070816	US 2007-596953	20070309			
US 20050106709	A1 20050519	US 2003-714053	20031114			
US 7361767	B2 20080422		00041110			
US 20050112672	A1 20050526	US 2004-987522	20041112			
US 7179923 US 20050227076	B2 20070220 A1 20051013	US 2004-987075	20041112			
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AU 2004309805	A1 20050714	AU 2004-309805	20041217			
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 851934-46-8 851934-47-9

RL: PRPH (Prophetic)

(Acoustic sensors and methods)

RN 851934-46-8 CAPLUS

CN Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-47-9 CAPLUS

CN Benzoyl chloride, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L37 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:638826 CAPLUS

DOCUMENT NUMBER: 143:149406

TITLE: Acoustic sensors and methods

INVENTOR(S): Baetzold, John P.; Benson, Karl E.; Bommarito, Mario

G.; Daniels, Michael P.; Everaerts, Albert I.;

Flanigan, Peggy-Jean P.; Free, Benton M.; Kipke, Cary A.; Lakshmi, Brinda B.; Leir, Charles M.; Moore,

A.; Lakshmi, Brinda B.; Leir, Charles M.; Moore, George G. I.; Nguyen, Lang N.; Shah, Rahul; Stark,

Peter A.

PATENT ASSIGNEE(S): 3M Innovative Properties Company, USA

SOURCE: PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.					KIN	KIND DATE				APPLICATION NO.						DATE		
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                      860032-12-8P
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     RL: SPN (Synthetic preparation); PREP (Preparation)
        (acoustic sensors and methods)
RN
     851934-46-8 CAPLUS
     Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-
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     yl)sulfonyl]- (CA INDEX NAME)
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RN 851934-47-9 CAPLUS

CN Benzoyl chloride, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-48-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane-2,4-dione,
3-[(4-aminophenyl)sulfonyl]-1,8,8-trimethyl- (CA INDEX NAME)

RN 859232-49-8 CAPLUS

CN Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]-, 2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester (CA INDEX NAME)

RN 860032-12-8 CAPLUS

CN 2-Propenamide, N-[4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

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(FILE 'HOME' ENTERED AT 01:09:12 ON 15 JUL 2010)

FILE 'REGISTRY' ENTERED AT 01:09:22 ON 15 JUL 2010

L1 STRUCTURE UPLOADED

L2 415 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 01:09:58 ON 15 JUL 2010

L3 184 S L2

FILE 'REGISTRY' ENTERED AT 01:10:09 ON 15 JUL 2010

L4 STRUCTURE UPLOADED

L5 1 S L4 SSS FULL

FILE 'CAPLUS' ENTERED AT 01:13:32 ON 15 JUL 2010

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L7 2 S L3 AND ACOUSTIC

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1.9
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L41 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:910306 CAPLUS

DOCUMENT NUMBER: 147:287914

TITLE: Acoustic sensors and methods

INVENTOR(S):

Baetzold, John P.; Benson, Karl E.; Bommarito, G.

Marco; Daniels, Michael P.; Everaerts, Albert I.;

Flanigan, Peggy-Jean P.; Free, M. Benton; Kipke, Cary

A.; Lakshmi, Brinda B.; Leir, Charles M.; Moore, George G.I.; Nguyen, Lang N.; Shah, Rahul R.; Stark,

Peter A.

PATENT ASSIGNEE(S): 3M Innovative Properties Co., USA

SOURCE: U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U.S.

Ser. No. 987,522.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

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PRIORITY APPLN. INFO.:
                                             US 2003-714053
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                                                                  W
                                                                     20041217
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                                                                  W
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

IT 851934-46-8 851934-47-9 860032-11-7

RL: PRPH (Prophetic)

(Acoustic sensors and methods)

RN 851934-46-8 CAPLUS

CN Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-47-9 CAPLUS

CN Benzoyl chloride, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 860032-11-7 CAPLUS

CN Benzoic acid, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]-, 2-[(1-oxo-2-propen-1-yl)oxy]propyl ester (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L41 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:638826 CAPLUS

DOCUMENT NUMBER: 143:149406

TITLE: Acoustic sensors and methods

INVENTOR(S): Baetzold, John P.; Benson, Karl E.; Bommarito, Mario

G.; Daniels, Michael P.; Everaerts, Albert I.;

Flanigan, Peggy-Jean P.; Free, Benton M.; Kipke, Cary A.; Lakshmi, Brinda B.; Leir, Charles M.; Moore, George G. I.; Nguyen, Lang N.; Shah, Rahul; Stark,

Peter A.

PATENT ASSIGNEE(S): 3M Innovative Properties Company, USA

SOURCE: PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.				KIN	KIND DATE				APPLICATION NO.						DATE				
WO 2005066092 WO 2005066092				2 20050721 3 20051013			WO 2004-US42382					20041217							
WO			A9																
	W:			AL, AM					BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,		
							DE,												
							ID,												
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NA,	NI,		
		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,		
		ΤJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW,	SM	
	RW:	BW,	GH,	GM,	KΕ,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,		
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	20050112672					2005								112					
US	-	179923 B2					20070220												
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20050721 AU 2004-312384
20050721 CA 2004-2552363
                         A1
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                         A1
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                              20060913 EP 2004-818045
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         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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                                20061018 EP 2004-820920
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                      А
                                 20070228
                                           CN 2004-80042207
     CN 1922480
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A 20080227
A1 20070816
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A 20041112
PRIORITY APPLN. INFO.:
                                             US 2003-533169P
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                                              US 2003-714053
                                                                  W 20041217
                                              WO 2004-US42382
                                                                  W 20041217
                                              WO 2004-US42455
                                                                 W 20041217
                                              WO 2004-US42662
ΙT
     851934-34-4P
     RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
     (Reactant or reagent)
        (acoustic sensors and methods)
RN
     851934-34-4 CAPLUS
```

Benzoic acid, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]- (CA INDEX NAME)

20041217

AU 2004312384 A1

CN

ΙT 851934-33-3P 851934-43-5P 851934-44-6P 851934-46-8P 851934-47-9P 851934-48-0P 851934-76-4P 859232-48-7P 859232-49-8P 860032-10-6P 860032-11-7P 860032-12-8P RL: SPN (Synthetic preparation); PREP (Preparation) (acoustic sensors and methods) RN 851934-33-3 CAPLUS Benzoyl chloride, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]- (CA INDEX NAME) CN

RN 851934-43-5 CAPLUS
CN Benzoic acid, 4-[(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-44-6 CAPLUS
CN Benzoyl chloride, 4-[(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-isoindol-2-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-46-8 CAPLUS

CN Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-47-9 CAPLUS

CN Benzoyl chloride, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]- (CA INDEX NAME)

RN 851934-48-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane-2,4-dione, 3-[(4-aminophenyl)sulfonyl]-1,8,8-trimethyl- (CA INDEX NAME)

RN 851934-76-4 CAPLUS

CN 4,7-Methano-1H-isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)

RN 859232-48-7 CAPLUS

CN 2-Propenamide, N-[4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]phenyl]-2-methyl-(CA INDEX NAME)

RN 859232-49-8 CAPLUS

CN Benzoic acid, 4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]-, 2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester (CA INDEX NAME)

RN 860032-10-6 CAPLUS

CN Benzoic acid, 3-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]-, 2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester (CA INDEX NAME)

RN 860032-11-7 CAPLUS

CN Benzoic acid, 4-[(2,5-dioxo-1-pyrrolidinyl)sulfonyl]-, 2-[(1-oxo-2-propen-1-yl)oxy]propyl ester (CA INDEX NAME)

RN 860032-12-8 CAPLUS

CN 2-Propenamide, N-[4-[(1,8,8-trimethyl-2,4-dioxo-3-azabicyclo[3.2.1]oct-3-yl)sulfonyl]phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L41 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1956:44544 CAPLUS

DOCUMENT NUMBER: 50:44544

ORIGINAL REFERENCE NO.: 50:8610b-i,8611a-f

TITLE: Action of Grignard reagents. VIII. Action of organo-magnesium and lithium compounds on benzo-,

naphtho-(2',3')oxazol-2-ones and their N-substituted

derivatives

AUTHOR(S): Mustafa, Ahmed; Asker, Wafia; Hishmat, Orkede Hassan

CORPORATE SOURCE: Cairo Univ., Egypt

SOURCE: Journal of the American Chemical Society (1955), 77,

5127-30

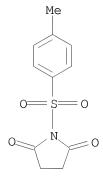
CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal LANGUAGE: Unavailable

IT 32368-44-8P, Succinimide, N-p-tolylsulfonyl-

RL: PREP (Preparation) (preparation of) 32368-44-8 CAPLUS

CN 2,5-Pyrrolidinedione, 1-[(4-methylphenyl)sulfonyl]- (CA INDEX NAME)



RN

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

L41 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1955:73515 CAPLUS

DOCUMENT NUMBER: 49:73515

ORIGINAL REFERENCE NO.: 49:13953h-i,13954a-i,13955a-f

TITLE: Action of Grignard reagents. VI. (a) Cleavage by organomagnesium and lithium compounds and by lithium

organomagnesium and lithium compounds and by lithium aluminum hydride; (b) action of phenyllithium on

phenanthraquinone and benzil monoximes

AUTHOR(S): Mustafa, Ahmed; Asker, Wafia; Hishmat, Orkede H.;

Shalaby, Ahmed F. A.; Kamel, Mohamed

CORPORATE SOURCE: Cairo Univ., Egypt

SOURCE: Journal of the American Chemical Society (1954), 76,

5447-52

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal LANGUAGE: Unavailable OTHER SOURCE(S): CASREACT 49:73515

IT 19871-20-6, Phthalimide, N-(phenylsulfonyl)-

(reaction with PhLi)

RN 19871-20-6 CAPLUS

CN 1H-Isoindole-1,3(2H)-dione, 2-(phenylsulfonyl)- (CA INDEX NAME)

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

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L6

(FILE 'HOME' ENTERED AT 01:09:12 ON 15 JUL 2010)

FILE 'REGISTRY' ENTERED AT 01:09:22 ON 15 JUL 2010

STRUCTURE UPLOADED L1

415 S L1 SSS FULL L2

FILE 'CAPLUS' ENTERED AT 01:09:58 ON 15 JUL 2010

L3 184 S L2

FILE 'REGISTRY' ENTERED AT 01:10:09 ON 15 JUL 2010

STRUCTURE UPLOADED L4

L51 S L4 SSS FULL

FILE 'CAPLUS' ENTERED AT 01:13:32 ON 15 JUL 2010

1 S L5

2 S L3 AND ACOUSTIC L7

2 S L3 AND SENSOR

 $\Gamma8$ 3 S L3 AND PRESSURE L9

L10 2 S L7 OR L8 AND L9

5 S L7 OR L8 OR L9 L11

FILE 'REGISTRY' ENTERED AT 01:27:14 ON 15 JUL 2010

L12 STRUCTURE UPLOADED

L13 22 S L12 SSS FULL

FILE 'CAPLUS' ENTERED AT 01:29:36 ON 15 JUL 2010

L1422 S L13

FILE 'REGISTRY' ENTERED AT 01:29:51 ON 15 JUL 2010

STRUCTURE UPLOADED L15

143 S L15 SSS FULL L16

FILE 'CAPLUS' ENTERED AT 01:31:48 ON 15 JUL 2010

92 S L16 L17

FILE 'REGISTRY' ENTERED AT 01:31:56 ON 15 JUL 2010

L18 STRUCTURE UPLOADED

L19 381 S L18 SSS FULL

FILE 'CAPLUS' ENTERED AT 01:33:11 ON 15 JUL 2010

L20 168 S L19

FILE 'REGISTRY' ENTERED AT 01:33:23 ON 15 JUL 2010

STRUCTURE UPLOADED L21

L22 138650 S L21 SSS FULL

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FILE 'CAPLUS' ENTERED AT 01:37:10 ON 15 JUL 2010
L23
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L24
            21 S L23 AND ACOUSTIC
L25
            68 S L23 AND SENSOR
L26
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L27
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          92 S L17
L28
L29
           22 S L14
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L42 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1997:374148 CAPLUS
                       126:349707
DOCUMENT NUMBER:
ORIGINAL REFERENCE NO.: 126:67883a,67886a
TITLE:
             Preparing printing plates by electrophotography
INVENTOR(S): Kato, Eiichi; Nakazawa, Yusuke; Ishii, Kazuo PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE:
                       Brit. UK Pat. Appl., 248 pp.
                        CODEN: BAXXDU
DOCUMENT TYPE:
                       Patent
LANGUAGE:
                        English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
     PATENT NO. KIND DATE APPLICATION NO. DATE
GB 2302063 A 19970108
GB 2302063 B 19990203
US 5700612 A 19971223
JP 09062038 A 19970307
PRIORITY APPLN. INFO.:
                       A 19970108 GB 1996-12258
B 19990203
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                                          JP 1995-144885 A 19950612
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD
                              (4 CITINGS)
=> d 142 hitstr
L42 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
     188950-73-4 188950-85-8 188950-95-0
ΤТ
     RL: TEM (Technical or engineered material use); USES (Uses)
        (preparation and use in preparing transfer layers for electrophotog.
        photoreceptors for manufacture of printing plates)
     188950-73-4 CAPLUS
RN
```

2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with

dihydro-3-methylene-2,5-furandione, 2-ethoxy-1-(ethoxymethyl)ethyl

CN

2-methyl-2-propenoate, 3-[[[methyl(1-oxopentyl)amino]sulfonyl]oxy]propyl 2-methyl-2-propenoate, <math>5-[3-[(2-methyl-1-oxo-2-propenyl)oxy]-1-oxopropoxy]pentyl 2-methyl-2-propenoate and (2-methylphenyl)methyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 188950-72-3 CMF C13 H23 N O6 S

CM 2

CRN 188950-66-5 CMF C16 H24 O6

CM 3

CRN 91990-22-6 CMF C12 H14 O2

$$\begin{array}{c|c} \text{O} & \text{CH}_2 \\ \parallel & \parallel \\ \text{CH}_2 \text{--} \text{O--} \text{C--} \text{C--} \text{Me} \end{array}$$

CM 4

CRN 62883-88-9 CMF C11 H20 O4

$$\begin{array}{c|c} \text{O} & \text{CH}_2 \\ \parallel & \parallel \\ \text{O-C-C-Me} \\ \parallel \\ \text{EtO-CH}_2\text{-CH-CH}_2\text{-OEt} \end{array}$$

CM 5

CRN 2170-03-8 CMF C5 H4 O3

CM 6

CRN 142-90-5 CMF C16 H30 O2

$$\begin{array}{c|c} \text{O} & \text{CH}_2 \\ \parallel & \parallel \\ \text{Me}^- \text{ (CH}_2)_{11} - \text{O}^- \text{C}^- \text{C}^- \text{Me} \end{array}$$

RN 188950-85-8 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 2-[2-(hexyloxy)ethoxy]ethyl ester, polymer with methyl 2-methyl-2-propenoate, octadecyl 2-methyl-2-propenoate, 2-[[(octahydro-4-methyl-1,3-dioxo-2H-isoindol-2-yl)sulfonyl]oxy]ethyl 2-methyl-2-propenoate and 2-phosphonoethyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 188950-84-7 CMF C15 H21 N O7 S

CM 2

CRN 183317-57-9 CMF C14 H26 O4

CRN 80730-17-2 CMF C6 H11 O5 P

CM 4

CRN 32360-05-7 CMF C22 H42 O2

$$$^{\circ}$$$
 O CH2 $||$ $||$ Me- (CH2)17-0-C-C-Me

CM 5

CRN 80-62-6 CMF C5 H8 O2

$$\begin{array}{c|c} ^{\text{H}_2\text{C}} \text{O} \\ \parallel & \parallel \\ \text{Me-C-C-OMe} \end{array}$$

RN 188950-95-0 CAPLUS

CN Butanedioic acid, bis[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester, polymer with dihydro-3-methylene-2,5-furandione, ethenyl acetate, 3-[[methyl(1-oxopentyl)amino]sulfonyl]oxy]propyl 2-methyl-2-propenoate, octadecyl 2-methyl-2-propenoate, phenylmethyl 2-methyl-2-propenoate and 2-propenoic acid, graft (9CI) (CA INDEX NAME)

CM 1

CRN 188950-72-3 CMF C13 H23 N O6 S

$$\begin{array}{c|c} O & O & CH_2 \\ \parallel & \parallel & \parallel \\ O == S - O - (CH_2)_3 - O - C - C - Me \\ \parallel & \parallel \\ Me - N - C - Bu - n \\ \parallel & O \end{array}$$

CM 2

CRN 48075-85-0 CMF C16 H22 O8

CM 3

CRN 32360-05-7 CMF C22 H42 O2

$$$^{\rm O}_{\rm CH_2}$$$
 Me $^-$ (CH2)17 $^-$ 0 $^-$ C $^-$ C $^-$ Me

CM 4

CRN 2495-37-6 CMF C11 H12 O2

$$\begin{array}{c|c} ^{\text{H}_2\text{C}} & \text{O} \\ \parallel & \parallel \\ ^{\text{Me-}} \text{C--C-O-CH}_2\text{--Ph} \end{array}$$

CM 5

CRN 2170-03-8 CMF C5 H4 O3

CM 6

CRN 108-05-4 CMF C4 H6 O2

$$AcO-CH=CH_2$$

CM 7

CRN 79-10-7 CMF C3 H4 O2

=>